Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Tuesday 03 Jan 2023 at 02:50

Confidence: High for unsettled weather the next few days, becoming Medium for timing of rain and wind strength from Thursday.

Headline for Tuesday 03 Jan 2023: Heavy rain, strong winds and poor visibility.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Fog	Fog	Heavy Rain	Heavy Rain
Precipitation probability					
60%	80%	50%	60%	80%	90%

Forecast for Tuesday 03 Jan 2023

Weather: Cloudy and overcast with outbreaks of rain during daylight hours and through the evening. The rain lighter at times around the middle of the day, turning heavy and persistent through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 30%, best chance around the middle of the day.

Low cloud and visibility: Extensive cloud, base 300 to 500m, with patches lower at times. Visibility often poor in rain and very poor in low cloud covering the hills, leading to navigational difficulties.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/36 S	30/40 S	24/33 SW	29/38 S	29/41 S	31/42 SW	32/44 SW
300	23/34 S	24/34 S	18/28 S	22/33 S	23/36 S	24/34 SW	25/37 SW
Valley	11/28 SE	14/31 S	11/27 S	14/31 S	15/34 S	15/33 SW	15/34 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-2	5/-0	6/0	7/2	8/3	8/3
300	4/-2	6/1	8/3	8/4	9/5	10/6	10/6
Valley	4/-1	6/3	8/4	9/5	9/6	10/7	10/8
Freezing Level*	1100m	1500m	1500m	2000m	2300m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts of 40-50mph on higher slopes will give difficult walking conditions with a risk of being blown off balance. There will be severe wind chill at first, but this easing as the temperature rises through the day. Persistent rain will drench waterproofs.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 03 Jan 2023	0.6mm	12.2mm	36mm

Forecast for Wednesday 04 Jan 2023

Weather: Rain clearing overnight, then bright or clear spells developing with a scattering of heavy showers. Feeling cold in the strong to gale force winds with buffeting.

Maximum wind: West or Southwest 30 to 35mph gusting 45-50mph, easing slightly later in the day.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Occasional cloud, base reaching the highest summits. Visibility poor at times with cloud lowering as showers move through, although they will move through quickly on strong winds.

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 6 Celsius
Freezing level: Above the summits.

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